

Amendment to the Specification:

On page 3, please amend the paragraph beginning at line 6 and ending at line 12 to read as follows:

Another embodiment of the present invention is directed to a device including a controller, a memory coupled to the controller, and an input interface arranged to receive at least two event signals. The controller is arranged to determine a global correlation for the at least two event signals over a first period of time, determine a local correlation for the at least two event signals over a second period of time which is shorter than the first period of time, determine a deviation between a local correlation vector and a global correlation vector, and determine an average deviation from the deviation and determine whether an artifact was detected in one of the at least two event signals.

On page 3, please amend the paragraph beginning at line 12 and ending at line 15 to read as follows:

A more complete understanding of the method and apparatus of the present invention is available by reference to the following detailed description when taken in conjunction with the accompanying drawings wherein: